



6627-PA0123.ST25.txt
SEQUENCE LISTING

<110> Chien, Kenneth R
Hoshijima, Masahiko
Ross, John
Ikeda, Yasuhiro

<120> HIGH EFFICIENCY CARDIAC GENE TRANSFER

<130> 6627-PA0123

<140> 09/954,571
<141> 2001-09-11

<150> 60/231,821
<151> 2000-11-09

<160> 5

<170> PatentIn version 3.2

<210> 1
<211> 52
<212> PRT
<213> Artificial

<220>
<223> Mutant form of human protein sequence

<400> 1

Met Glu Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Glu
1 5 10 15

Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Lys Leu Gln Asn Leu Phe
20 25 30

Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
35 40 45

Val Met Leu Leu
50

<210> 2
<211> 52
<212> PRT
<213> Homo sapiens

<400> 2

Met Glu Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Ser
1 5 10 15

Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Lys Leu Gln Asn Leu Phe
20 25 30

Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
Page 1

RECEIVED
APR 22 2003
TECH CENTER 1600/2900

val Met Leu Leu
50

<210> 3
<211> 52
<212> PRT
<213> Canis familiaris

<400> 3

Met Asp Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Ser
1 5 10 15

Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Asn Leu Gln Asn Leu Phe
20 25 30

Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
35 40 45

val Met Leu Leu
50

<210> 4
<211> 52
<212> PRT
<213> Mus musculus

<400> 4

Met Glu Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Ser
1 5 10 15

Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Asn Leu Gln Asn Leu Phe
20 25 30

Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
35 40 45

val Met Leu Leu
50

<210> 5
<211> 52
<212> PRT
<213> Oryctolagus cuniculus

<400> 5

Met Glu Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Ser
1 5 10 15

6627-PA0123.ST25.txt

Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Asn Leu Gln Asn Leu Phe
20 25 30

Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Ile Cys Ile Ile
35 40 45

Val Met Leu Leu
50